**Index of Claims** 

| <b>Applicatio</b> | n/Control No. |
|-------------------|---------------|
|-------------------|---------------|

10/020,062

LINEBARGER ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Examiner

Date

Thai D. Hoang

2667

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
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Claim

Restricted

Non-Elected N Interference

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| Cla      | im                         | Date    |  |  |  |            |              |  |          |                 |  |  |
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| Final    | Original                   | 8/29/05 |  |  |  |            |              |  |          |                 |  |  |
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|          | 7                          | ÷       | <del> </del>                                     | ├  | -  | ⊢          |              | ⊢  | $\vdash$ | $\vdash$        |  |  |
|          | -                          | ÷       | _  | ├-   | -  | $\vdash$   |              | _  |          | $\vdash$        |  |  |
|          | 8                          |         | <u> </u>   | ⊢  | ├  | -          | -            | H  | H        | Н               |  |  |
|          |                            | +       | _  | ├—   | ┝  | <u> </u>   | ⊢            | <u> </u>   | $\vdash$ | Н               |  |  |
|          | 10                         | +       |  | -  | _  | _          | _            | <u> </u>   | <u> </u> | Н               |  |  |
|          | 11                         | +       | ļ  | ├  | -  |            | -            |  | -        | Н               |  |  |
|          | 12                         | +       | <del> </del>                                     | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     |  | <u> </u> | Щ               |  |  |
|          | 13                         | +       | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | Н               |  |  |
| ļ        | 12<br>13<br>14<br>15       | +       | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>   | $\vdash$ | Щ               |  |  |
| <u> </u> | 15                         | +       | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>   | $\vdash$ | Щ               |  |  |
|          | 16<br>17                   | +       | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | _            | <u> </u>   | _        | $\vdash$        |  |  |
|          | 17                         | +       | <u> </u>   | <u> </u>   |  |            |              | <u> </u>   |          | Ш               |  |  |
|          | 18                         | +       | _  | <u> </u>   | _  | lacksquare | _            | L  | <u> </u> |                 |  |  |
|          | 19                         | +       | _  | _  |  |            | <u> </u>     | <u> </u>   |          | Ш               |  |  |
|          | 20                         | +       | <u> </u>   |  | _  | L          | L            | <u> </u>   | L        |                 |  |  |
|          | 21                         | +       | <u> </u>   | _  |  | L          |              | ļ  |          | Ш               |  |  |
|          | 22                         | +       | <u> </u>   | <u> </u>   |  | <u> </u>   |              | <u> </u>   | <u>_</u> |                 |  |  |
|          | 23                         | +       | <u> </u>   |  | _  | Ļ          | _            | _  |          | Щ               |  |  |
|          | 24                         | +       | _  |  | _  |            |              | _  | <u> </u> |                 |  |  |
|          | 25                         | +       | <u> </u>   | <u> </u>   | _  | <u> </u>   | _            | <u> </u>   | _        | Н               |  |  |
| _        | 26                         | +       | <u> </u>   | ⊢  |  |            | _            | ļ  | _        |                 |  |  |
|          | 27<br>28                   | +       | <u> </u>   | ⊢  | <u> </u>   | <u> </u>   | <u> </u>     | ļ  | <u> </u> | Н               |  |  |
|          | 29                         | +       | -  | ├  |  |            | _            | <del> </del>                                     | _        | $\vdash$        |  |  |
|          | 30                         | ÷       | ├  | $\vdash$   | -  | -          |              | -  |          | $\vdash$        |  |  |
| _        | 31                         | +       | _  | ⊢  | ┝  | H          | _            | ⊢  | _        | Н               |  |  |
|          |                            | ⊢-      | <u> </u>   | <u> </u>   | H  | -          | -            | -  | -        | Н               |  |  |
|          | 32<br>33                   | +       | <u> </u>   | -  |  |            |              | -  | -        | Н               |  |  |
|          | 34                         | +       | -  |  | ├  | $\vdash$   | <u> </u>     | -  | ├        | $\vdash$        |  |  |
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| <u> </u> | 35<br>36                   | +       | ├  |  | -  | -          | <u> </u>     |  |          | $\vdash\vdash$  |  |  |
|          | 37                         | +       | ┝  | -  | $\vdash$   | $\vdash$   | -            | <del> </del>                                     | -        | $\vdash\dashv$  |  |  |
|          | 38                         | +       | $\vdash$   | $\vdash$   | -  | $\vdash$   | $\vdash$     | ├  | -        | $\vdash\vdash$  |  |  |
| <b></b>  | 39                         | +       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$        |  |  |
|          | 40                         | +       | -  | -  | _  | -          | <del> </del> | $\vdash$   | $\vdash$ | Н               |  |  |
|          | 41                         | +       | <del> </del>                                     |  | <u> </u>   | -          | -            | $\vdash$   | $\vdash$ | H               |  |  |
|          | 42                         | +       | $\vdash$   | <del>                                     </del> |  | _          | $\vdash$     | $\vdash$   |          | Н               |  |  |
|          | 43                         | +       | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | _            | $\vdash$   | $\vdash$ | H               |  |  |
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|          | 45                         | +       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |          | Н               |  |  |
|          | 46                         | +       | $\vdash$   | $\vdash$   | $\vdash$   | H          | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$        |  |  |
| -        | 47                         | +       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash \vdash$ |  |  |
|          | 48                         | +       | $\vdash$   |  | Н  | Т          | $\vdash$     |  | Н        | Н               |  |  |
|          | 49                         | +       | $\vdash$   | $\vdash$   | ┢  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | Н               |  |  |
|          | 50                         | +       | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$     | <del>                                     </del> | H        | Н               |  |  |
|          |                            |         |  |  |  |            |              |  |          | لــــا          |  |  |

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|   | Final   | Original             | 8/29/05  |               |              |                    |              |          |          |   |   |
| ı |         | 51<br>52<br>53       | +        | _             | Г            | П                  |              |          |          |   |   |
| ı |         | 52                   | +        |               | Г            |                    |              |          |          |   |   |
| ı |         | 53                   | +        |               |              |                    |              |          |          |   |   |
| ı |         | 54                   | +        |               | $\vdash$     |                    |              |          |          |   | _                                       |
| ı |         | 54<br>55             | +        | _             | <u> </u>     |                    |              |          |          |   | _                                       |
| ı |         | 56                   | +        | -             | $\vdash$     |                    |              |          |          |   | _                                       |
| ı |         | 57                   |          |               | $\vdash$     |                    |              |          |          |   |   |
| ı |         | 57<br>58             |          | $\overline{}$ |              |                    |              |          |          |   |   |
| ı |         | 59                   |          |               |              |                    |              |          |          |   |   |
| Ì |         | 60                   |          |               |              |                    |              |          |          |   |   |
| Ì |         | 61                   |          |               | Н            |                    |              |          |          |   |   |
| Ì |         | 62                   |          |               |              |                    |              | Т        |          | _ |   |
| Ì |         | 63                   |          |               |              | <b>-</b>           | <u> </u>     |          |          |   | $\vdash$                                |
| Ì |         | 62<br>63<br>64       |          |               | _            |                    | Н            |          |          |   |   |
| ı |         | 65<br>66<br>67       |          | _             | $\vdash$     | П                  |              | $\vdash$ | Т        | Т | $\vdash$                                |
| 1 |         | 66                   |          | $\vdash$      | $\vdash$     | $\vdash$           | $\vdash$     | $\vdash$ | $\vdash$ | М | $\vdash$                                |
| Ì |         | 67                   |          |               | $\vdash$     | $\vdash$           | H            | $\vdash$ | _        | _ | ┢                                       |
| - |         | 68                   |          |               |              |                    | H            |          | _        | - |   |
| Ì |         | 68<br>69             |          |               |              |                    | $\vdash$     |          |          |   |   |
| Ì |         | 70                   |          | _             | $\vdash$     | -                  | $\vdash$     | _        |          |   | $\vdash$                                |
| Ì |         | 71                   |          |               | $\vdash$     | $\vdash$           | H            | $\vdash$ |          |   | $\vdash$                                |
| Ì |         | 72                   |          |               | $\vdash$     | $\vdash$           | H            |          |          |   | _                                       |
| 1 |         | 73                   |          |               | <del> </del> |                    |              |          |          |   | H                                       |
| 1 |         | 71<br>72<br>73<br>74 |          |               | $\vdash$     | Н                  |              | _        | _        |   | _                                       |
| 1 |         | 75                   |          | _             | ┢            | _                  |              |          | $\vdash$ |   | H                                       |
| 1 |         | 76<br>77             |          |               |              | Г                  |              |          |          |   | $\vdash$                                |
| ı |         | 77                   |          |               |              |                    |              |          |          |   |   |
| Ì |         | 78<br>79<br>80       |          |               |              |                    |              |          |          |   |   |
| Ì |         | 79                   |          |               |              |                    |              |          |          |   | П                                       |
| ı |         | 80                   |          |               |              | Г                  |              |          |          |   |   |
| Ì |         | 81<br>82             |          |               |              |                    |              | Г        |          |   |   |
|   |         | 82                   |          |               |              |                    |              |          |          |   |   |
| Ī |         | 83                   |          |               |              |                    |              | Г        |          |   |   |
| ı |         | 84                   |          |               |              |                    |              |          |          |   |   |
| - |         | 84<br>85             |          |               |              |                    |              |          |          |   |   |
|   |         | 86                   |          |               |              |                    |              |          |          |   |   |
| Ī |         | 87<br>88             |          |               |              |                    |              |          |          |   |   |
|   |         | 88                   |          |               |              |                    |              |          |          |   |   |
|   |         | 89                   |          |               | L            |                    |              |          |          |   |   |
|   |         | 90                   |          |               |              |                    |              |          |          |   |   |
| [ |         | 91                   |          |               |              |                    |              |          |          |   |   |
|   |         | 92                   |          |               |              |                    |              |          |          |   |   |
|   |         | 93                   |          |               |              |                    |              |          |          |   |   |
| Į |         | 94                   |          |               |              | $\Box$             | $oxed{\Box}$ | $\Box$   |          |   |   |
| Į |         | 95                   |          |               | L            |                    | L            |          |          |   |   |
|   |         | 96                   |          |               |              |                    | $\Box$       | oxdot    |          |   |   |
| Į |         | 97                   |          |               | <u> </u>     | $oxedsymbol{oxed}$ | L_           |          |          |   | <u> </u>                                |
| ļ |         | 98                   | Ш        |               |              |                    | L            | L        |          |   | ـــــــــــــــــــــــــــــــــــــــ |
| Į |         | 99                   | Ш        |               | L            |                    | L            |          |          |   |   |
| l |         | 100                  |          |               |              |                    |              |          |          |   |   |

| Cla         | aim                                    | Date   |              |  |            |  |              |              |  |          |
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| ਰ           | Original                               |  |              |  |            |  |              |              |  |          |
| Final       | ij                                     |  |              |  |            |  |              |              |  |          |
| _           | Ō                                      |  |              |  |            |  |              |              |  |          |
|             | 101                                    | -  | $\vdash$     |  | -          | <del>                                     </del> | -            |              |  | $\vdash$ |
|             | 101<br>102                             | H  | H            | H  | -          | H  | H            |              | -  | Н        |
| _           | 103                                    | H  | -            | -  |            |  |              |              | -  |          |
|             | 103                                    | -  |              | _  | _          |  | -            |              | Ŀ  | Н        |
|             | 104<br>105                             | _  |              |  | _          |  |              |              |  | $\vdash$ |
|             | 105                                    | $\vdash$   | _            | _  |            | Н  |              |              | _  |          |
|             | 106                                    | _  |              |  |            |  |              |              |  |          |
|             | 107<br>108                             |  |              |  |            | _  |              |              |  |          |
|             | 108                                    |  |              | _  | _          |  | _            |              |  |          |
|             | 109                                    |  |              |  |            |  |              |              |  |          |
|             | 110                                    |  |              |  | L_,        | L  | <u> </u>     |              |  | ш        |
|             | 111                                    | L  | L            | L  |            | _  | <u> </u>     | Ш            | $\Box$   | Ш        |
|             | 112                                    | L  | L            | <u> </u>   |            | <u> </u>   | <u> </u>     | $oxed{oxed}$ |  | Ш        |
|             | 110<br>111<br>112<br>113<br>114<br>115 |  |              |  |            |  |              |              |  |          |
|             | 114                                    |  |              |  |            |  |              |              |  |          |
|             | 115                                    | L  |              | L  |            |  |              |              |  |          |
|             | 116                                    |  |              |  |            |  |              |              |  |          |
|             | 117                                    |  |              |  |            |  |              |              |  |          |
|             | 118                                    |  |              |  |            |  |              |              |  |          |
|             | 118<br>119                             |  |              |  |            |  |              |              |  |          |
|             | 120                                    |  |              |  |            |  |              |              |  |          |
|             | 121                                    |  |              | Г  |            |  |              |              | _  |          |
|             | 121<br>122                             |  |              |  |            | $\vdash$   |              |              |  |          |
|             | 123<br>124<br>125                      |  |              |  |            |  |              |              |  |          |
|             | 124                                    |  |              |  |            |  |              |              |  |          |
|             | 125                                    |  |              |  |            |  |              |              |  |          |
|             | 126                                    |  |              |  |            |  |              |              | Г  |          |
|             | 126<br>127<br>128                      |  |              | l  |            |  |              |              |  | П        |
|             | 128                                    |  |              |  |            |  |              |              |  |          |
|             | 129                                    |  |              |  |            | Т  |              |              |  |          |
|             | 129<br>130                             |  |              |  |            | $\vdash$   |              | П            | $\vdash$   | П        |
|             | 131                                    |  | Г            | <u> </u>   |            | 1  |              |              | <u> </u>   | Н        |
|             | 132                                    |  |              | <u> </u>   | Т          | $\vdash$   |              | т            | 1  | П        |
|             | 132<br>133                             | $\vdash$   | $\vdash$     | <del>                                     </del> |            | $\vdash$   | $\vdash$     | H            | <del>                                     </del> | Н        |
|             | 134                                    | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |  | $\vdash$     |              | $\vdash$   | Н        |
|             | 135                                    | $\vdash$   | $\vdash$     | $\vdash$   |            | $\vdash$   | $\vdash$     | Н            | $\vdash$   | $\vdash$ |
|             | 136                                    | $\vdash$   | _            | $\vdash$   | Η.         | <b>!</b>   | $\vdash$     | Н            | $\vdash$   | $\vdash$ |
|             | 137                                    | $\vdash$   | $\vdash$     |  | _          | <del> </del>                                     | $\vdash$     | <b></b> -    | -  | $\vdash$ |
|             | 137<br>138                             | $\vdash$   | Η:           | $\vdash$   | -          | $\vdash$   | $\vdash$     |              | $\vdash$   | H        |
|             | 139                                    | <del>                                     </del> |              | <u> </u>   | -          | $\vdash$   | $\vdash$     | $\vdash$     | -  | $\vdash$ |
|             | 140                                    | $\vdash$   | $\vdash$     | $\vdash$   | <u> </u>   | _  | $\vdash$     | <del> </del> | <del>                                     </del> | $\vdash$ |
| -           | 141                                    | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | _  | $\vdash$     | $\vdash$     |  | Н        |
|             | 142                                    | $\vdash$   | _            | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$ |
| -           | 143                                    | $\vdash$   | $\vdash$     | <u> </u>   |            |  | $\vdash$     | $\vdash$     | -  | $\vdash$ |
|             | 144                                    | $\vdash$   | $\vdash$     | -  |            | $\vdash$   | $\vdash$     | -            | -  | $\vdash$ |
| <del></del> | 145                                    | $\vdash$   |              | $\vdash$   | -          | ├  | $\vdash$     |              | $\vdash$   | $\vdash$ |
|             | 146                                    | $\vdash$   | $\vdash$     | $\vdash$   | -          | $\vdash$   | <del> </del> | -            | ├  | $\vdash$ |
|             | 147                                    | ┝  |              | ┢┈   | Ь—         | ┢─   | ╁            | <u> </u>     | $\vdash$   | $\vdash$ |
|             | 148                                    | $\vdash$   | $\vdash$     | <del> </del>                                     | -          | $\vdash$   | $\vdash$     | -            | ├  | $\vdash$ |
|             | 149                                    | $\vdash$   | <del> </del> | <del> </del>                                     | <u> </u>   | $\vdash$   | $\vdash$     | ⊢            | <u> </u>   | $\vdash$ |
|             | 150                                    | <del> </del>                                     | $\vdash$     | ⊢  | <b>-</b> - | ├─   | $\vdash$     |              | $\vdash$   | $\vdash$ |
|             | 100                                    | L  | L            | L  | L          |  |              | L            | L.   | 1        |